

## **Global Electronic Contract Assembly - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 120 pages | Mordor Intelligence

### **AVAILABLE LICENSES:**

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

### **Report description:**

The Global Electronic Contract Assembly Market is expected to register a CAGR of 9.2% during the forecast period.

#### Key Highlights

- Volatile economic conditions have forced the manufacturers to reassess their traditional business models and concentrate on the bottom line. A majority of the executives view contract assembling as an opportunity, primarily to reduce costs, improve flexibility, and streamline their production processes.
- Outsourcing tasks to an electronics manufacturing services provider primarily allows the original equipment manufacturers (OEMs) to significantly cut their fixed costs while freeing cash to invest in strategic initiatives, such as new product development or marketing. It also lets a company reduce labor costs by shrinking its direct workforce.
- The establishment of in-house production is a crucial challenge faced by the majority of the players, owing to which outsourcing is considered a preferable option for them to save costs. As such, the demand for this service is expected to rise at a healthy rate shortly. PCB assembly services are widely considered by most OEMs, as they lack the technical knowledge and are considered crucial components in any electronic device.
- For one, the automotive industry is rapidly increasing its use of electronics to enhance comfort, safety, performance, and overall driving experience. As a result of more extended vehicle warranty periods, automobile manufacturers are demanding higher reliability, improved manufacturing efficiency, and vastly reduced warranty failures from their Tier 1 suppliers.
- Healthcare electronics is another primary sector where contract assembly is seen to reduce costs while improving efficiency. Due to the continued growth in the medical and biomedical markets, companies like Saline Lectronics have previously invested in certifications necessary for circuit board assembly manufacturing.
- Adding to the electronics industry's existing challenges is the ongoing impact of the COVID-19 outbreak on the global supply chain. With still months away from the containment of the virus, manufacturers are currently focusing on rethinking their

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

strategies and looking beyond China to find alternative supply chain sources.

## Electronic Contract Assembly Market Trends

### Consumer Electronics to Drive the Market Growth

- Communications and computer products are expected to be the leading segments driving the most significant growth in the electronics industry. Outsourcing processes has become a critical element in keeping the electronics industry expanding and handling costs to the margin each year, a leading factor in stimulating consumer demand. ?
- With the emergence of the internet of things (IoT), there have been many new opportunities for consumer electronics manufacturers. Wearable devices, such as smartwatches, incorporate chips and flexible sensors. Breakthrough in designing these devices and manufacturing technology may have a significant impact on the PCB market. The amount of systems connected over the internet is also expanding in multiple regions over the past decade.?
- The leading OEMs, such as Apple, also employ electronic contract manufacturing from Foxconn, which employs approximately 350,000 people and produces about half of the world's iPhones. Before the fall release of a new iPhone in the busy summer months, the factory produces around 500,000 phones a day.
- Furthermore, demand for high-performance, ultra-thin, and light displays with interactive, quick reacting interfaces pushes material requirements to the edge. These prerequisites drive new advances in display materials technology for various applications, from ITO replacements for touch screens to display innovations for flexible devices. ?
- In the healthcare prospect, the concept of wearables (wrist and body-worn) calls for flexible printed electronics, while remote monitoring (home healthcare) calls for more connected devices. These trends again impact the design controls and provide an opportunity for the contract assembly companies. ?

### Asia Pacific to Witness Highest Growth

- Housing a significant number of OEMs, the region is estimated to be a substantial market for contract assembly during the forecast period. The regions, including China, India, and Japan, are likely to drive the demand, considering the government's technology development, especially in the smart devices and smart healthcare in Japan.
- The domestic demand for consumer electronics, especially in the home automation space, increased quickly. In China, the consumer electronics market's market is estimated to witness growth by three times its current size, with the critical smart products, according to a well-known home appliance maker, TCL. ?
- China is one of the significant markets globally, owing to its strong position in the semiconductor, consumer electronics, and other telecommunications devices and equipment manufacturing industries.?
- The country currently has about 60-70% of the world's electronics production and assembly capacity. According to the Semiconductor Industry Association, the country's semiconductor sales revenue grew from USD 82.4 billion (2015) to USD 143.7 billion (2019). The country is also leading the world in 5G technology, with full network coverage planned in 50 cities in late-2020. ?
- The companies in the region are also making significant achievements in developing technologies, such as Flex PCB and Flex rigid PCB. In the continuous upgrades of PCB manufacturing technology, China experiences a stable and optimized product structure. Furthermore, a series of newly established strategic industries in AI, Big Data, and cloud computing belong to advanced manufacturing, leading to the dependence on assembly players.?
- However, the pandemic outbreak has made players in the region comply with the nationwide lockdown. As of late March 2020, Foxconn and Wistron suspended production at their plants in India to reduce the spread of COVID-19. These companies are also

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

manufacturing partners to major electronics companies. ?

## Electronic Contract Assembly Industry Overview

The electronics contract assembly market is fragmented and is quite competitive. Market players in developing economies offer low-cost, outsourced services to the production and designing sectors to increase their competitiveness. Furthermore, key players are striving to gain a competitive advantage by engaging in mergers and acquisitions. Some of the key developments in the market are:

- March 2020 - Advanced Circuits inaugurated its newest facility at Chandler. The company has invested USD 7 million in this new 50,000-square-foot location, which opened in September 2019. This State-of-the-art facility is a welcome addition to the company's manufacturing facilities in Aurora, Colorado, and Maple Grove, Minnesota. It is twice the size of the old facility in Tempe, Arizona.
- March 2020 - Sanmina Corporation announced the expansion of its facility in Thailand. The facility is expected to have advanced custom packaging and assembly capabilities to manufacture advanced optical, high speed, and radiofrequency microelectronic assemblies and products. This expansion further supports rapid growth for new technology products across the networking, 5G, data center, automotive/LIDAR, and aerospace and defense markets.

### Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

### **Table of Contents:**

#### 1 INTRODUCTION

- 1.1 Study Assumptions and Market Definition
- 1.2 Scope of the Study

#### 2 RESEARCH METHODOLOGY

#### 3 EXECUTIVE SUMMARY

#### 4 MARKET INSIGHTS

- 4.1 Market Overview
- 4.2 Industry Value Chain Analysis
- 4.3 Industry Attractiveness - Porter's Five Force Analysis
  - 4.3.1 Bargaining Power of Suppliers
  - 4.3.2 Bargaining Power of Buyers
  - 4.3.3 Threat of New Entrants
  - 4.3.4 Threat of Substitute Products
  - 4.3.5 Intensity of Competitive Rivalry

#### 5 MARKET DYNAMICS

- 5.1 Market Drivers

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

## 5.2 Market Restraints

## 6 MARKET SEGMENTATION

### 6.1 Type of Activity

#### 6.1.1 PCB Assembly Services

#### 6.1.2 Cable/Harness Assembly Services

#### 6.1.3 Membrane/Keypad Switch Assembly Services

### 6.2 Application

#### 6.2.1 Healthcare

#### 6.2.2 Automotive

#### 6.2.3 Industrial

#### 6.2.4 IT and Telecom

#### 6.2.5 Other Applications

### 6.3 Geography

#### 6.3.1 North America

##### 6.3.1.1 United States

##### 6.3.1.2 Canada

#### 6.3.2 Europe

##### 6.3.2.1 United Kingdom

##### 6.3.2.2 Germany

##### 6.3.2.3 France

##### 6.3.2.4 Rest of Europe

#### 6.3.3 Asia Pacific

##### 6.3.3.1 China

##### 6.3.3.2 Japan

##### 6.3.3.3 India

##### 6.3.3.4 Rest of Asia Pacific

#### 6.3.4 Latin America

#### 6.3.5 Middle East and Africa

## 7 COMPETITIVE LANDSCAPE

### 7.1 Company Profiles

#### 7.1.1 Amphenol Interconnect Products Corp. (AIPC)

#### 7.1.2 ATL Technology

#### 7.1.3 Compulink Cable Assemblies Inc.

#### 7.1.4 Connect Group NV

#### 7.1.5 Leoni Special Cables Ltd

#### 7.1.6 Season Group International Co. Ltd

#### 7.1.7 Volex Group PLC

#### 7.1.8 Mack Technologies Inc.

#### 7.1.9 TTM Technologies Inc.

## 8 INVESTMENT ANALYSIS

## 9 FUTURE OF THE MARKET

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

**Global Electronic Contract Assembly - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 120 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-27"/>
		Signature	

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

[www.scotts-international.com](http://www.scotts-international.com)